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[54]		PATIBLE CEMENTITIOUS COMPOSITIONS	[56]
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[73]	Assignee:	The United States of America as represented by the Secretary of the Department of Health and Human Services, Washington, D.C.	Primary E Attorney, A [57]
[21]	Appl. No.:	,	Dental ce hexyl syri
[22]	Filed:	Feb. 23, 1984	solved in
[51] [52]	26 433/228	liquid whe setting, in not inhibit to metal, a to the pow omer to th	
[58]		arch 106/35; 523/115, 116, 8; 260/998.11; 433/199, 201, 202, 217,	oniei to ti

228; 524/291, 433

United States Patent [19]

Brauer et al.

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Primary Examiner—Lorenzo B. Hayes Attorney, Agent, or Firm—Browdy and Neimark

[57] ABSTRACT

Dental cements with syringate esters such as 2-ethylhexyl syringate with or without vanillate esters dissolved in o-ethoxybenzoic acid as ingredients of the liquid when mixed with metal oxide powder yield rapid setting, insoluble cements that have high strength, do not inhibit free radical polymerization, adhere strongly to metal, and reduce carries. Use of silanized glass filler to the powder in conjunction with the addition of monomer to the liquid gives an even stronger cement.

26 Claims, No Drawings